

3266. PLUM CURCULIO AND BLUEBERRY MAGGOT

State Exterior Quarantine.

A quarantine is established against the following pests, their hosts, and possible carriers:

A. Pests. Plum curculio (*Conotrachelus nenuphar*) and blueberry maggot (*Rhagoletis mendax*). Plum curculio is a coleopterous insect belonging to the family Curculionidae. The blueberry maggot is a dipterous insect belonging to the family Tephritidae. These insect pests in their larval stages live within the fruit of their host plants often causing extensive damage to fruit of certain crops.

B. Area Under Quarantine.

In Utah, because of the plum curculio, the counties of Box Elder and Salt Lake.

In the eastern United States, because of the plum curculio and blueberry maggot, all states and districts east of and including the states of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma and Texas.

C. Articles and Commodities Covered.

1. Fresh fruit of all plants listed below are declared to be hosts and possible carriers of plum curculio.

Common Name	Botanical Name
Apple	<i>Malus</i> spp.
Apricot	<i>Prunus persica</i>
Blueberry, highbush	<i>Vaccinium corymbosum</i>
Blueberry, lowbush	<i>V. angustifolium</i>
Cherry, black	<i>Prunus serotina</i>
Cherry, choke	<i>P. virginiana</i>
Cherry, pin	<i>P. pensylvanica</i>
Cherry, sand	<i>P. pumila</i>
Cherry, sour	<i>P. cerasus</i>
Cherry, sweet	<i>P. avium</i>
Crabapple	<i>Malus</i> spp.
Hawthorne (haw)	<i>Crataegus</i> spp.
Huckleberry, black	<i>Gaylussacia baccata</i>
Huckleberry, dwarf	<i>G. dumosa</i>
Nectarine	<i>Prunus persica nectarina</i>
Peach	<i>P. persica</i>
Pear	<i>Pyrus communis</i>
Plum, Allegheny	<i>Prunus alleghaniensis</i>
Plum, American (wild)	<i>P. americana</i>
Plum, beach	<i>P. maritima</i>
Plum, European	<i>P. domestica</i>
Plum, Japanese	<i>P. salicina</i>
Prune	<i>P. spp.</i>
Quince	<i>Cydonia oblonga</i>

2. Fresh fruit of all plants listed below are declared to be hosts and possible carriers of blueberry maggot.

Common Name	Botanical Name
Blueberry, highbush	<i>Vaccinium corymbosum</i>
Blueberry, lowbush	<i>V. angustifolium</i>
Huckleberry, black	<i>Gaylussacia baccata</i>
Huckleberry, dwarf	<i>G. dumosa</i>

3. Soil or other growing medium within the drip area of plants producing, or which have produced, fruit as listed in (C.1 or 2) above.

D. Restrictions.

1. Certification Required. Articles and commodities covered which are produced in or shipped from the area under quarantine are prohibited entry into the State of California unless each lot or shipment is accompanied by a certificate issued by and bearing the original or facsimile signature of the authorized agricultural official of the state from which the article or commodity is shipped evidencing compliance with paragraphs (3), (4), (6) or (7) below. No certificate is required for commodities meeting the requirements of paragraphs (2) or (5) below.

2. Reshipments in Original Containers from Area Under Quarantine of Commodities Grown Outside Thereof. Commodities in original unopened containers, each bearing labels or other identifying marks evidencing origin outside the area under quarantine, may be reshipped to this state from any point within the area under quarantine.

3. Repacked Commodities Admissible from Area Under Quarantine if Certified Grown Outside Thereof. Provided each lot or shipment is certified by an authorized agricultural official to have been grown outside the area under quarantine and that continued identity has been maintained while within the area under quarantine, the commodities may be repacked and shipped by common carrier from any point within the area under quarantine to this state. The certificate shall set forth the state in which commodities were grown, point of repacking and reshipment, amount and kind of commodities comprising the lot or shipment, and the names and addresses of the shipper and consignee.

4. Apple Exposed to Controlled Atmosphere (CA) Storage Admissible Under Certificate. Apples which are exposed to controlled atmosphere (CA) storage for a continuous period of ninety (90) days, during which period the temperature within the storage room is maintained at thirty-eight degrees (38°) Fahrenheit (3.3°C.) or less, may be admitted into California provided said storage room or building is approved by the proper authorities in the state of origin as a controlled atmosphere facility and further provided each lot or shipment of such apples to California is accompanied by a certificate, as stated in (1) above, evidencing compliance with the minimum requirements of this paragraph.

5. Solid Frozen Fruits Exempt. No restrictions are placed by this regulation on the entry into this state of fruits which upon arrival are frozen solid and which are under refrigeration to assure their solid frozen state.

6. Shipments from Cold Storage at 32°F (0° Centigrade). Commodities covered which are held in cold storage for a continuous period of forty (40) days or more, during which period the temperature within the storage room is maintained at thirty-two degrees Fahrenheit (32°F) (0°C) or less, may be admitted into California provided each lot or shipment is accompanied by a certificate, as stated in (1) above, evidencing compliance with the minimum requirements of this paragraph.

7. Soil or Growing Media When Certified. Soil or growing media specified in (C.3) is admissible when certified as treated at origin in a manner approved by the Secretary.

MAIL AND EXPRESS CARRIERS

APPENDIX A

11-15-93

Quarantine host material (such as backyard apples) shipped by mail or express carrier should be rejected unless the shipper marks that the commodities originated from an area outside the areas under quarantine. Rejection can be made under Section 3266. Those packages without proper labeling are in violation of Section 6421, Required Markings.

SPECIAL PERMITS - FRESH BLUEBERRIES

APPENDIX B

06-01-98

The following permits have been issued for the movement of fresh blueberries to California:

Permit No. QC 796 - Arkansas
Permit No. QC 799 - Florida
Permit No. QC 800 - Georgia
Permit No. QC 815 Michigan
Permit No. QC 806 - New Jersey

1. Each shipment of blueberries shall have been fumigated with methyl bromide at atmospheric pressure by one of the following schedules:

32 g/m³ (2 lbs/1,000 ft³) for 2 hours at 27.7°C (82°F) or above;

or

32 g/m³ (2 lbs/1,000 ft³) for 2½ hours at 22.2° - 27.2°C (72° - 81°F);

or

32 g/m³ (2 lbs/1,000 ft³) for 3 hours at 16.6° - 21.6° C (62° - 71°F)

or

32 g/m³ (2 lbs/1,000 ft³) for 3½ hours at 10° - 16.1°C (50° - 61°F).

2. The fumigation shall be done by applicators who are registered or certified in fumigation pest control.

3. Each fumigation shall be monitored and supervised by an authorized representative of the state department of agriculture.

4. Each shipment of blueberries shall be accompanied by a phytosanitary certificate issued by an authorized representative of the state department of agriculture evidencing compliance with the fumigation requirements of this permit. This certificate also shall state the number of cartons in the shipment and the name and address of the consignee.

5. The vehicle transporting each shipment of fumigated blueberries to California shall be sealed at origin under the supervision of an authorized representative of the state department of agriculture. The seal shall not be broken until arrival of the vehicle and shipment in California.

If the blueberries are shipped by air, the plane cargo container need not be sealed, provided each subcontainer is stamped, by an authorized representative of the state department of agriculture, verifying the blueberries have been fumigated and certified as required by this permit.

6. Each shipment of fumigated blueberries shall be subject to inspection by plant quarantine officials in California.

PERMITS FOR THE SHIPMENT OF APPLES

APPENDIX C

10-13-98

Permits have been issued to authorize firms working with their state's department of agriculture to ship to California fresh apples which were commercially grown in plum curculio infested states.

These permits are:

Permit No. QC 828 - Maine

Permit No. QC 727 - Michigan
Permit No. QC 750 - Minnesota
Permit No. QC 817 - New York
Permit No. QC 753 - Pennsylvania
Permit No. QC 509 - Vermont
Permit No. QC 754 - Virginia

Each shipment of apples is to be accompanied by a certificate, signed by a representative of the appropriate state department of agriculture, naming the shipper; stating the identification number of the lot, the number of containers in the shipment, and the name and address of the consignee; and affirming that the shipment is in compliance with the requirements of the applicable permit. Apple fruit shipped to California under these permits are subject to inspection upon arrival in California.

Individual boxes of certified fruit may be shipped by mail or U.P.S. As long as the permit number is included on the boxes, they may be accepted if no other problems are detected.